



### 882-70-DFDT3

The 882-70-DFDT3 is a VHD Exposed Dipole Array antenna with electrical downtilt of 3 degrees. All our antennas can be completely customized to your particular applications. Our antennas can be black anodized, top mount only, and heavy-duty versions are available.

- This antenna is field adjustable for omni or bidirectional patterns.
- These antennas have only internal cabling, fixed dipole-mast spacing, and adjustable pattern control.
- Heavy-duty versions are available. Please contact our Technical Support team for consultation.

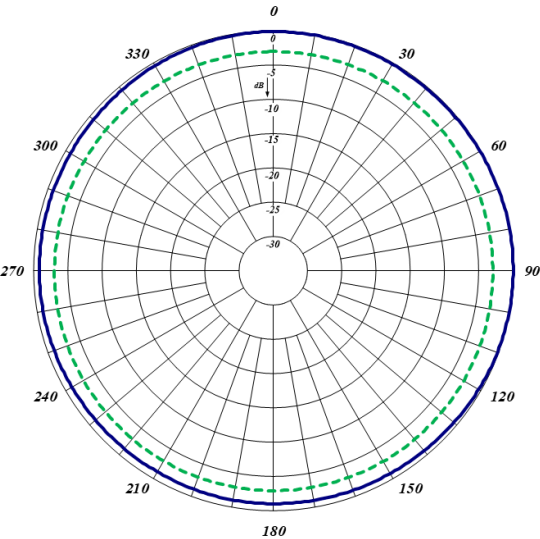
Electrical Specifications	882-70-DFDT3
Frequency Range, MHz	138-174
Nominal Gain, dBd	3.0-5.5
Number of Dipoles	2 Sets
Bandwidth 1.5:1 VSWR, MHz	36
Isolation, dB	30
Electrical Downtilt (°)	3 Degrees
Polarization	Vertical
Pattern	Omni or Bidirectional
Power Rating, Watts	450
Nominal Impedance, Ohms	50
Lightning Protection	DC Ground
Standard Termination	Type DIN 7/16 Female, other connectors available upon request
Mechanical Specifications	882-70-DFDT3
Length, in (mm)	138 (3500)
Width, in (mm)	30 (762)
Weight, lbs. (kg)	36 (16.3)
Rated Wind Velocity, No Ice, mph (km/h)	120 (162)
Rated Wind Velocity, 0.5" (13mm) ice, mph (km/h)	95 (137)
Lateral Thrust @ 100 mph, wind, lbs. (kg)	113 (51)
Bending Moment @ top clamp: 100 mph, ft.*lb (kg*m)	351 (49)
Projected Area, ft² (m²)	4.1 (0.38)
Mounting Information: Mast O.D. (mm)	2.4" (61)



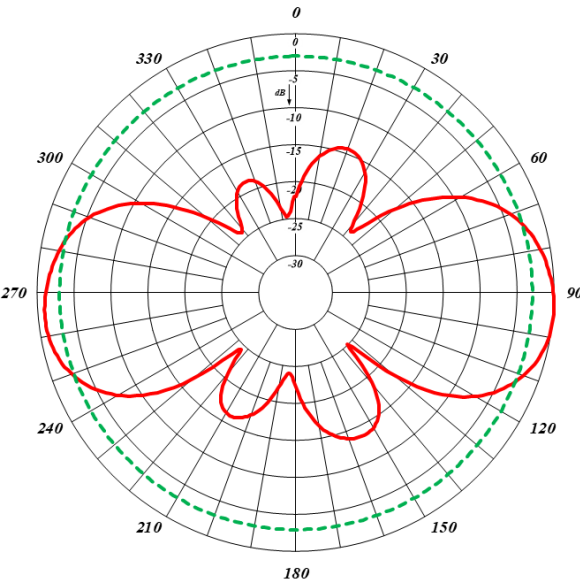
882-70-DFDT3-omni



882-70-DFDT3-omni



Horizontal Pattern



Vertical pattern